import java.util.Scanner;

import java.util.Random;

public class NumberGame {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

Random rand = new Random();

int score = 0;

boolean playAgain = true;

System.out.println("🎯 Welcome to the Number Guessing Game!");

while (playAgain) {

int numberToGuess = rand.nextInt(100) + 1; // random 1-100

int attempts = 0;

int maxAttempts = 7;

boolean guessedCorrectly = false;

System.out.println("\nI have selected a number between 1 and 100.");

System.out.println("You have " + maxAttempts + " attempts to guess it!");

while (attempts < maxAttempts) {

System.out.print("Enter your guess: ");

int userGuess = sc.nextInt();

attempts++;

if (userGuess == numberToGuess) {

System.out.println("🎉 Correct! You guessed it in " + attempts + " attempts.");

score++;

guessedCorrectly = true;

break;

} else if (userGuess > numberToGuess) {

System.out.println("Too high! Try again.");

} else {

System.out.println("Too low! Try again.");

}

}

if (!guessedCorrectly) {

System.out.println("❌ Out of attempts! The number was: " + numberToGuess);

}

System.out.println("Your current score: " + score);

System.out.print("\nDo you want to play again? (yes/no): ");

String choice = sc.next().toLowerCase();

playAgain = choice.equals("yes");

}

System.out.println("\n🏆 Final Score: " + score);

System.out.println("Thanks for playing!");

sc.close();

}

}